

DAFTAR PUSTAKA

- Bryan HK, Olayanju A, Goldring CE, Park BK. The Nrf2 cell defence pathway: Keap1-dependent and Independent mechanisms of regulation. *Biochemical Pharmacology*. 2013;85(2013):705-17
- Burstein E., Fearon E.R. 2008. Colitis and cancer: a tale of inflammatory bowel disease. *Nat Rev Immunol*. 3(7): 521-33.
- Coussens L.M., Werb Z. 2002. Inflammation and cancer. *Nature*. 420; 860-7.
- Danese S., Mantovani A. 2010. Inflammatory bowel disease and intestinal cancer: a paradigma of The Yin-Yang interplay between inflammation and cancer. *Oncogene*.1-11.
- Dhiman I, Prashar Y, Kalia K, Gill NS. Therapeutic and nutritional value of *Brassica oleracea L. var. italica* (broccoli): a review. *International Journal of Universal Pharmacy and Bio Sciences*. 4(4): 22-33.
- Gartner L.P, Hiatt J.L. 2007. *Color Textbook of Histology*. 3th ed. Philadelphia : W.B Saunders Company. 398-409.
- Geary Giaviany. Pengaruh sari kukusan brokoli (*brassica oleracea L. var Italica*) terhadap clinical score dan kadar TNF- α serum pada mencit model kolitis. 2015.
- Gommeaux J., Cano C., Garcia S., Gironella M., Pietri S., Culcasi M. *et al*. 2007. Colitis and colitis-associated cancer are exacerbated in mice deficient for tumor protein 53-induced nuclear protein 1. *Mol.Cell.Biomol*.27(6): 2215-28.
- Hamamoto N., Mamemura K., Hirata I., Murano M., Sasaki S., Katsu K. 1999. Inhibition of dextran sulfat sodium (DSS)-induced colitis Ni mice Bay intracolonicly administered antibodies against adhesion molecules (endothelial leucocyte adhesion molecule-1 (ELAM-1) or intercellular adhesion molecule-1 (ICAM-1)). *Clin Exp Immunol*. 117: 462-8.
- Hussain S.P., Harris C.C. 2007. Inflammation and cancer : an ancient link with novel potensial. *Int J Cancer*. 121: 2373-80.
- Hwang JH & Lim SB. Antioxidant and anti-inflammatory activities of broccoli florets in LPS-stimulated RAW 264.7 cells. *Prev. Nutr. Food Sci*. 2014; 19(2): 89-97.
- Iniquez MA., Rodriquez A., Volpert OV., Fresno M., Redondo JM. 2003. Cyclooxygenase-2: A terapeutik target in angiogenesis. *Tred Mol Med*. 9: 73-8.

- Karin M., Greten F.R. 2005. NF- κ B linking inflammation and immunity to cancer development and progression. *Nature Rev Immunol.* 5: 749-759.
- Karnen G.B., Iris R. 2012. *Imunologi Dasar*. 10 th ed. Badan Penerbit Fakultas Kedokteran Universitas Indonesia. 217-228.
- Kim T.W., Seo J.N., Suh Y.H., Park H.J., Kim J.H., Kim J.Y. et al. 2006. Involvement of lymphocytes in dextran sulfat sodium-induced eksperimental colitis. *World J. Gastroenterol.* 12(2): 302-305.
- Kumar V., Abbas A.K., Fausto N., Mitchell R. 2010. *Robbins Basic Pathology*. 8 th edition. Philadelphia : W.B Saunders Company. 611-616; 617-630.
- Lin W, Wu RT, Wu T, Kor TO, Wang H, Kong AN. Sulforaphane suppressed LPS-induced inflammation in mouse peritoneal macrophages through Nrf2 dependent pathway. *Biochem Pharmacol.* 2008; 76(8): 967-73.
- Mayer R.J. 2008. Gastrointestinal Tract Cancer. *Harrison's Principles of Internal Medicine*. In: Fauci, A.S., Kasper, D.L., Eugene, B., Hauser, S.L., Jameson, L.J et al. New York: Mc Graw Hill. 573-7.
- Meira L.B., Bugni J.M., Green S.L., Lee C., Pang B., Borenshtein D. et al. 2008. DNA damage induced by chronic inflammation contributes to colon carcinogenesis in mice. *JCK.* 118 (7): 2516-25.
- Moore K.L., Dalley A.F., Agur A.M.R. 2010. *Clinically oriented anatomy*. 6 th edition. Lippincot William and Wilkins. Amerika. 246-53.
- Mueller K, Blum NM, Mueller AS. Examination of the anti-inflammatory, antioxidant, and xenobiotic-inducing potential of broccoli extract and various essential oils during a mild DSS-induced colitis in rats. *ISRN Gastroenterology.* 2013; 2013: 710856.
- Mutoh M., Watanabe., Kitamura T., Shoji Y., Takahashi M., Kawamori T., et al. 2002. Involvement of prostaglandin E reseptor subtype EP4 in Colon carcinogenesis. *Cancer Res.* 62: 28-32.
- Nagahori M, Nemoto Y, Watanabe M. Pathogenesis of inflammatory bowel diseases. *Intest Res.* 2012; 8: 9-17.
- Okayasu I., Ohkusa T., Kajiura K., Kanno J., Sakamoto S. 1996. Promotion of colorectal neoplasia in experimental murine ulcerative colitis. *Gut.* 39: 819-27.
- Owis AI. Broccoli; the green beauty: a review. *J. Pharm. Sci. & Res.* 2015; 7(9): 696-703.
- Popinova B.K., Kitamura K., Wu Y., Kondo T., Kagaya T., Kaneko K., et al. 2008. Blocking TNF- α in Mice Reduces Colorectal Carcinogenesis Associated with Chronic Colitis. *JCI.* 118 (2) : 560-70.

- Redovniković IR, Glivetic T, Delonga K, Vorkapić-Furač J. Glucosinolates and their potential role in plant. *Period biol.* 2008; 110(4); 297-309.
- Rosenberg D., Giardina C., Tanaka T. 2009. Mouse model for the study of colon carcinogenesis. *Carcinogenesis.* 30(2): 183-96.
- Schetter A.J., Heegaard H.H., Harris C.C. 2009. Inflammation and cancer : interweaving microRNA, Free radicals, cytokine and p53 pathways. *Carcinogenesis.* 31(1):37-49.
- Seno H., Oshima M., Ishikawa T., Oshima H., Takaku K., Chiba T., *et al.* 2002. Cyclooxygenase-2 and prostaglandin E2 receptor EP2-dependent angiogenesis in APC mouse intestinal polyps. *Cancer Res.* 62; 506-11.
- Sigmund B., Rieder F., Albrich S., Wolf K., Bidlingmaier C., Gary S. *et al.* 2001. Adenosine kinase inhibitor GP15 improves experimental colitis in mice. *J. Pharmacol Exp Therapeutics.* 296: 99-105.
- Sonoshita M, Takaku A, Sasaki N, Sugimoto Y, Ushikubi F, Ohsima H, *et al.* 2001. Acceleration of intestinal polyposis through prostaglandin receptor EP2 in APC knockout mice. *Nat Med.* 1048-51.
- Stevceva L., Pavli P., Buffinton G., Wozniak A., Doe W.F. 1999. Dextran sulfate sodium-induced colitis activity varies with mouse strain but not with lipopolysaccharide-unresponsive mice. *J. Gastroenterol Hepatol.* 14: 54-60.
- Stewart D & McDougall G. The brassicas – an undervalued nutritional and health beneficial plant family. Food & Health Innovation Service. 2012.
- Tanaka T. 2009. Colorectal carcinogenesis: review of human and experimental animal studies. *Journal of Carcinogenesis.* 8(5);1-19.
- Tortora G.J., Derrickson B.H. 2009. Principles of Anatomy and Physiology. 12 th edition. John Wiley and Sons. 959-63.
- Walley PG & Buchanan-Wollaston V. *Brassicas.* In Health-Promoting Properties of Fruit and Vegetables. Editor: Terry LA. 2011. CAB International. p. 74-85.
- Yoshimura A. 2006. Signal transduction of inflammatory cytokines and tumor development. *Cancer Sci,* 97(6): 439-47.
- https://upload.wikimedia.org/wikipedia/commons/0/03/Broccoli_and_cross_section_edit.jpg. Diunduh 16 November 2015
- <http://plants.usda.gov/java/ClassificationServlet?source=display&classid=BROLI>. Diunduh 16 November 2015

<http://www.nutrition-and-you.com/broccoli.html>. Diunduh 20 November 2015

<http://www.biozatix-news.com/apa-itu-elisa/>. Diunduh 15 November 2016

<http://emedicine.medscape.com/article/277496-overview>. Diunduh 15 November 2016

